

ONR BAA Announcement # BAA 05-016



BROAD AGENCY ANNOUNCEMENT (BAA)

INTRODUCTION:

This publication constitutes a Broad Agency Announcement (BAA) as contemplated in Federal Acquisition Regulation (FAR) 6.102(d)(2). A formal Request for Proposals (RFP), solicitation, and/or additional information regarding this announcement will not be issued.

The Office of Naval Research (ONR) will not issue paper copies of this announcement. The ONR reserves the right to select for award, all some or none of the proposals in response to this announcement. ONR reserves the right to fund all, some or none of the proposals received under this BAA. ONR provides no funding for direct reimbursement of proposal development costs. Technical and cost proposals (or any other material) submitted in response to this BAA will not be returned. It is the policy of ONR to treat all proposals as sensitive competitive information and to disclose their contents only for the purposes of evaluation.

It is anticipated that awards will take the form of Cost Plus Fixed Fee (CPFF) contracts. Therefore, all proposals submitted as a result of this announcement will fall under the purview of the Federal Acquisition Regulations (FAR).

I. GENERAL INFORMATION

1. Agency Name

Office of Naval Research
875 North Randolph St., Suite 1425
Arlington, VA 22203-1995

2. Research Opportunity Title: Concept Exploration for Navy Facility Open Access Technology and Processes

3. Program Name: Pacific Missile Range Facility (PMRF) Force Protection Laboratory (FPL)

4. Research Opportunity Number: ONR BAA 05-016

5. Response Dates: Proposals due 2PM Eastern Time on 31 August 2005.

6. Research Opportunity Description:

6.1 Background

Responses to this announcement are sought to investigate the feasibility and practicability of identifying, adapting, prototyping, integrating and demonstrating open access force protection and security technologies and processes to provide more open public access to recreational and other non restricted facilities on military bases as well as improve the overall safety and security of military installations. Prior to 9/11, many military bases offered fairly open access to beaches, lakes, trails and other recreational areas to the public. In addition, military bases often played host to special events that were open to the public. Since 9/11, security concerns have severely limited use of military areas for public use and in some cases this has created a hardship on the surrounding civilian population and adverse public relations. In addition, the increased use of conventional security techniques can hamper and sometimes constrain the ability of military installations to fully satisfy their mission objectives.

It is the intent of this research effort to explore and investigate innovative concepts based on new and existing technologies that can be adapted and integrated into a security solution that will allow access while ensuring a safe and secure environment at military installations. It is envisioned that the security solution will discriminate normal activity from unusual patterns and any precursor events that may be predictive of threat activities. These unusual patterns and precursor events need to be detected and identified in time to allow the on-base security force to anticipate, respond and interdict threats before they impact mission critical operations or cause harm to people and infrastructure. Achieving this level of security will require more than nominal point security measures currently in place at most military facilities. It will require an interactive system comprised of sensors, fusion processing, feature extraction, pattern and behavior recognition, visualization techniques, command and control, decision aids, data mining/knowledge management and other technologies and techniques. The research objective includes reducing overall cost and manpower required for providing the desired level of access and security. A key challenge is achieving the desired objective without impacting the expectation of personal privacy by individuals visiting these facilities.

This effort will require implementation of a modeling and simulation capability to be used for assessing and evaluating the effectiveness of sensors, security systems, processing techniques and other technologies defined in the system level concept(s). An integration testbed will be implemented at the PMRF FPL for demonstrating candidate technologies, tools and processes and for data gathering to support technology evaluation and assessment. This testbed will serve as a technology incubator for testing and demonstrating novel approaches and innovative application of technologies to ultimately provide a comprehensive security solution. It is envisioned the PMRF FPL and testbed

configuration will be the central hub for integration of sensor inputs and provide computational support for sensor and data fusion, data/knowledge mining and behavioral analysis.

It is the intent of the government to make a single award in response to this BAA for the Phase I initial concept exploration and investigation and the implementation of a Pacific Missile Range Facility Force Protection Laboratory (PFPL) baseline effects model. Based on the results of the initial effort, a follow-on BAA or RFP will be issued that will result in one or more awards to implement and support the integration testbed; investigate and implement data/sensor fusion and behavioral algorithms; modify, adapt, install and integrate selected sensors; define and execute demonstration scenarios; and provide overall systems engineering and quality services. Results from the initial award will be made available to all potential sources prior to the release of any follow-on BAA or RFP.

Note: The Contractor selected for the award of Phase 1 will not be restricted from participation in the competition of additional Phases under any resultant follow-on BAA or RFP.

6.2 PFPL Phase 1 Concept Exploration Analysis and Study

Provide a PMRF Force Protection Laboratory (PFPL) baseline effects model and an initial investigation of relevant technologies, tools and processes that are candidates for further development, modification and eventual integration into the security solution that may be delivered and used at PMRF at the completion of this BAA. The concept exploration and analysis and study effort will address the effectiveness of sensors, security systems, processing techniques, behavioral analysis methods and other relevant technologies.

The following are intended for Phase 1 Concept Exploration Analysis and Study.

6.2.1 Concept Exploration and Technology Investigation

Complete a technology survey and investigation that will provide a conceptual technology, approach and requirements baseline for future tasks. The technology investigation should include top-level trade studies that evaluate technology versus cost versus effectiveness. The initial concept(s) should provide a framework for effects analysis and implementing the model described in the next subtask.

6.2.2 Effect Analysis and PFPL Model

Conduct effect analysis of the implementation of candidate access and security technologies and provide a model based on the results of this analysis. The PFPL Model shall provide the capability to include new technologies and adjust input parameters defined below. The model will also include the ability to assess the impact and performance of security capabilities used independently and in systems. The intent is not to model specific sensors or approaches but the effect of the capability in satisfying

access and security objectives; i.e. effect of detecting all movement and activity on base; effect of identifying all moving objects on base; effect of reducing the timeline of detection and identification; and other contractor defined effects. The contractor shall use the results of this analysis to develop a baseline architecture for the PFPL security system.

This analysis should include, but is not limited to:

a. time phased movement and volume of people and vehicles accessing the base and on base by time of day, week, month, season, etc.

b. effect of mission operations and civilian activities

c. base infrastructure including roads, access points (cooperative and non cooperative), buildings, base housing, civilian facilities (i.e., stores, churches, schools, day care), air fields, port facilities, boundary conditions (water, land, obstructions, etc), existing security measures and other on-base infrastructure.

d. depth and breadth of data required to conduct adequate fidelity behavioral analysis to meet performance objectives

e. cost versus performance trade space to determine data, bandwidth, and computational power to support data fusion and behavioral analysis performance in near real time.

Note: Attached to this BAA is one document that describes the building that will be made available to house the PMRF FPL and the traffic patterns on the base. Two additional documents provide maps of the facility.

6.2.3 PFPL Industry Day Presentation

The results from Phase 1, including the baseline model, documentation and survey results will be made available to all potential future offerors under a follow-on BAA or RFP. The Industry Day will be scheduled to coincide with the completion of the Concept Exploration Analysis and Study (Phase 1).

6.3 Brief Description of Additional Phases Under Consideration (Follow-on BAA or RFP)

Based on the results of the Concept Exploration Analysis and Study, a follow-on BAA or RFP will be issued for one or more awards to implement and support the integration testbed; investigate and implement data/sensor fusion and behavioral algorithms; modify, adapt, install and integrate selected sensors; define and execute demonstration scenarios; and provide overall systems engineering and quality services. As stated under Section 6.1 of this BAA, the contractor awarded the Concept Exploration Analysis and Study task (Phase 1) will not be restricted from participating in any or all subsequent Phases awarded under the follow-on BAA or RFP.

The following describes potential Phases under consideration after the completion of the concept study. Specific Phase objectives and requirements will be presented at the Industry Day and will be made available online. The internet address will be made available in the follow-on BAA or RFP.

Integration Testbed – This Phase will include developing the architecture for the computational infrastructure for the integration test including communication and sensor interfaces, computing resources, user interface, network infrastructure and other infrastructure required to support integration and demonstration of selected technologies.

Algorithm Implementation – This Phase will include investigation, analysis and experimentation required to implement sensor and data fusion algorithms required to provide information for the behavioral analysis algorithms. This Phase also includes investigation, analysis and experimentation required to design, refine and optimize behavioral analysis algorithms that meet the objectives of this overall research project.

Sensors – This Phase includes investigation, assessment, experimentation and selection of sensors that when integrated into the prototype system will provide the information required to support the input requirements for the behavioural analysis algorithms. This Phase may include installation and integration of the selected sensors.

Demonstrations – This Phase includes generating demonstration scenarios and defining success criteria. This Phase may include actual demonstration execution and documenting results.

Systems Engineering – The government may consider a systems engineering Phase that will oversee all technical aspects of the project. This effort would include ensuring that testbed, sensor and algorithm interfaces are compatible and meet project objectives, that communication bandwidth is adequate to meet timing objectives, and the overall quality of all technical tasks.

Note: The above potential follow-on Phases may be combined as necessary. Because the specific requirements for follow-on Phases cannot be identified until the completion of Phase I, a follow-on BAA or RFP will be issued with specific Phase requirements as well as evaluation criteria.

6.4 Future Technology Solutions (follow-on BAA or RFP)

Contractors may also propose specific security solutions and approaches not specifically called out above or presented at the Industry Day. Contractors are encouraged to submit concise white papers (specific white paper guidance will be provided in the follow-on BAA or RFP).

6.5 Potential Future Research

After the prototype solution is demonstrated, exercised, and evaluated, additional research may be funded to expand and improve the prototype capability. The following are candidate areas for future research.

Advanced Sensors – lower cost, improved fidelity, and less intrusive.

Increased Fidelity Behavior Models – improved detection, reduced false alarms, and decreased detection timeline.

Proactive Algorithms – predictive versus reactive detection.

Adaptation to other Applications – other military situational awareness applications, commercial security, and home security.

6.6 Government Furnished Information

Prior to the completion of Phase 1, the government will establish a web based information repository to support potential offerors on additional technology solution phase proposals and to support subsequent phase performance. The repository will include all Phase 1 deliverables and data, information provided by PMRF (maps, reports, existing infrastructure and other technical information) and other information generated by ONR in preparation for this effort. Phase 1 deliverables will be added to the repository as available.

As described in Section VII of this BAA, the government will provide a facility at PMRF, Kauai, HI for the PFPL model and for any other required computational infrastructure. Utilities including telephone and internet connectivity will be provided to support the contractor team at the integration facility. All equipment authorized for purchase during any Phase will be Government property and will remain in the facility as part of the PFPL model.

7. Points of Contact: All questions of a technical nature should be addressed to the below Program Manager

Science and Technology Point of Contact:

Mr. David Masters
Program Manager
Office of Naval Research

875 North Randolph Street, Suite 1425
Arlington, VA 22203-1995
Telephone Number: (703) 696-4206
Facsimile Number: (703) 696-4274
Email Address: masterd@onr.navy.mil

Business Point of Contact: All questions of a business nature should be addressed to the below contract specialist

Mr. Mark Chadwick, Senior Contract Specialist
Code ONR 0253
Office of Naval Research
875 North Randolph Street
Arlington, VA 22203-1995
Telephone Number: (703) 696-2599
Facsimile Number: (703) 696-0066
Email Address: chadwim@onr.navy.mil

8. Instrument Type:

It is anticipated that all awards resulting from this announcement will be contracts.

9. Catalog of Federal Domestic Assistance (CFDA) Numbers: N/A

10. Catalog of Federal Domestic Assistance (CFDA) Titles: N/A

11. Additional Information: Not Applicable

II. AWARD INFORMATION

Anticipated Award Information is as follows:

Total Amount of Funding Available: Phase 1 up to \$500K.

Anticipated Number of Awards: 1- Phase I award.

Anticipated Award Type: Awards will be in the form of a CPFF contract

Anticipated Period of Performance for Award: Phase 1 up to 4 months.

III. ELIGIBILITY INFORMATION

Only U.S. owned and U.S. based firms and U.S. colleges and universities will be considered for award under this solicitation.

Independent organizations and teams are encouraged to submit proposals in any or all areas. However, Offerors must be willing to cooperate and exchange software, data and other information in an integrated program with other contractors, as well as with system integrators selected by ONR.

It is anticipated that the majority of the effort will be integrated and demonstrated at a Navy facility in Hawaii. For the purposes of this proposal, Offerors can assume the testbed and demonstrations will be conducted at the US Navy Pacific Missile Range Facility, Kauai, HI.

IV. APPLICATION AND SUBMISSION INFORMATION

1. Application and Submission Process:

Phase I Proposals - The due date for receipt of Full Proposals for Phase I is 2 p.m. (Local Eastern Time) on 8/31/2005. It is anticipated that final selections will be made by 9/30/2005. As soon as the final proposal evaluation process is completed, each Offeror will be notified via email of its selection or non-selection for an award.

Follow-on Phase Proposals – A date for follow-on Phase proposals and the planned Industry Day will be scheduled after the Phase I award. Additional information will be provided at the Industry Day. Firms do not need to submit a Phase I proposal in order to be considered for future Phase awards. A BAA or RFP with specific follow-on Phase requirements and evaluation factors will be issued after the Industry Day.

It is anticipated that an Industry Day will be scheduled upon completion of Phase 1. The results of Phase 1 will be made available to all firms and/or organizations. All awardees will be given full and open access to the PMRF Force Protection Laboratory model, documentation, analysis results and technology assessments.

2. Content and Format of Full Proposals

Proposals submitted under the BAA are expected to be unclassified. Classified proposals are not permitted and will not be accepted or considered for award.

Full Proposal Format – Volume 1 - Technical and Volume 2 - Cost Proposal

Full proposals shall consist of a technical proposal and a cost proposal. Volume 1, the Technical proposal, shall contain three separate sections: Section 1 for Technical Information and Approach, Section 2 for Qualifications, Past Performance and Experience and Section 3 for Management. The details of each section are described below. Volume 2 shall be the Cost Proposal.

- Paper Size – 8.5 x 11 inch paper (fold outs shall be counted as two pages)
- Font Size - no less than 10 point font
- Margins – 1” inch
- Spacing – Single or double spaced
- Copies – one (1) original, four (4) copies and four (4) electronic copies on CD-ROM disk for each volume (in Microsoft Word 97, Excel 97 compatible, Power Point 97 (if applicable) or .PDF format). The Technical and Cost proposals must be on separate CD-ROMs.
- Number of Pages – Volume I is limited to no more than 50 pages. Volume II has no page limit. Limitations within sections of the Technical Proposal are indicated in the individual descriptions below. The cover page and table of contents are excluded from the page limitations. Full proposals exceeding the page limit may not be evaluated.

The Cost proposal shall be separate and shall not be included with the Technical proposal. The Cost proposal CD-ROM shall be clearly labeled and separate from the Technical proposal CD-ROM. Offerors shall ensure that the CD-ROMs contain no viruses. If a submitted CD-ROM is unreadable or has a detected virus, the Government will not attempt to remove the virus or read the CD-ROM, but shall notify the offeror. The offeror shall be responsible to replace the CD-ROM within 5 days of notification. A second unreadable CD-ROM, or a replacement CD-ROM containing a detected virus, or a second proposal submitted after the deadline, will result in the proposal not being reviewed.

Full Proposal Content

The Technical Proposal shall contain the following:

Cover Page: This should include the words “Technical Proposal” and the following.

- (1) BAA Number
- (2) Title of Proposal
- (3) Identity of Prime Respondent and complete list of subcontractors if applicable
- (4) Technical contact (name, address, phone, fax and email)
- (5) Administrative/business contact (name, address, phone, fax and email)
- (6) Duration of effort (separately identify the basic effort and any option)
- (7) The cover page must be signed and dated

Table of Contents: Section, Title and page numbers are required.

TECHNICAL PROPOSAL

Technical Section 1: Technical Approach:

A. Section 1 Technical Approach

This section shall not be more than 25 pages in length. The Phase I proposal shall include the technical approach for implementing the Force Protection Laboratory model and identification and assessment of candidate technologies as described in paragraph 6 of this BAA solicitation. The proposal shall also describe how the approach will satisfy the overall research objectives.

All Phase I results will be made available to all future follow-on Phase offerors.

Include a summary of any proprietary rights to pre-existing results, prototypes or systems supporting and/or necessary for the use of the research, results and/or prototypes. Any rights asserted in other parts of the proposal that would impact the rights in this section must be cross-referenced. If there are proprietary rights, the Offeror must explain how these affect its ability to deliver the model, data, assessment results and other documentation and materials developed under Phase I to the government for distribution to all other potential offerors. In addition, Offerors must explain how the program goals are achieved in light of these proprietary and/or restrictive limitations. If there are no claims of proprietary rights in pre-existing data, this section shall consist of a statement to that effect.

All offerors shall clearly identify the deliverables that will be provided to the Government at the completion of Phase 1.

Technical Section 2: Qualifications, Past Performance and Experience

This section shall be no more than 10 pages in length. The section shall include the following:

- For all key members of the proposed Team, including but not limited to the Project Manager(s) and Principal Technical Investigator(s), provide names, title, and a paragraph describing area of expertise/relevant experience, qualifications, and capabilities along with roles and responsibilities for the proposed project. If subcontracting significant elements of the proposed work, identify companies by name, the companies area(s) of responsibility with respect to this project, the names and titles of key individuals, along with their area(s) of expertise (if different than title) and the individuals' roles and responsibilities for this proposed effort.
- A description of offeror past performance on similar technical efforts, indicating contract values, contacts, and contact phone numbers. Past performance information should also include cost/price performance information including those internal controls that ensured the offeror did not exceed the cost/price. If costs were exceeded or prices were adjusted, provide the reasons and state the systemic improvement actions taken and current controls now in-place to prevent future recurrences.

Technical Section 3: Management

Describe the planned management and administrative organization for the effort. This section shall be no more than 15 pages in length. The management proposal shall include the following:

- An organization chart with solid lines delineating direct reports & and dashed lines delineating inter-team coordination, with key personal identified by title/area of expertise. If sub-contracting significant elements of the proposed work, show the subcontracting reporting relationships and area of expertise.

- Proposed planning, scheduling and available resources (both personnel and facilities) for the effort. Describe what management practices and techniques will be employed to ensure that responsive, proactive management oversight is maintained; especially if geographically dispersed operations are proposed.

- Describe the processes used to identify and mitigate risks throughout the project.

- Utilizing Hawaii based companies and resources. Each offeror is encouraged to describe its plan use local Hawaiian firms to accomplish the research goals of this BAA.

- If a Small Business Subcontracting Plan is required (see FAR 52.219-9), it shall be prepared in accordance with FAR 52.219-9 for proposals that exceed \$500,000 by all large businesses and submitted to the government prior to contract award.

COST PROPOSAL

The Cost Proposal shall consist of a cover page, table of contents and cost proposal. The cost proposal will provide a detailed breakdown of all costs by category for the proposed Phase I effort. Any Option period(s) proposed must be separately priced with the same level of detail as the Base. The following elements are required:

Cover Page: The use of SF 1411 is optional. The words “Cost Proposal” should appear on the cover page in addition to the following information:

- BAA Number
- Title of Proposal
- Identity of Prime Respondent and list of subcontractors if applicable
- Technical contact (name, address, phone, fax and email)
- Administrative/business contact (name, address, phone, fax and email)
- Duration of effort
- Names, phone numbers and e-mail addresses of DCMA and DCAA Points of Contacts and
- Whether the proposal includes DCAA approved Forward Pricing Rate Agreement (FPRA) direct and indirect rates.

Table of Contents: Section, Title and page numbers are required.

Provide the detailed breakdown described below for the proposed Phase I effort:

- Direct Labor – Individual labor category or person with associated labor hours and unburdened direct labor rates.
- Indirect Costs – Fringe benefits, overhead, G&A, etc. (Show base amount and rate).
- Materials – Should be specifically itemized with costs or estimated costs. Where possible, indicate purchasing method, (competition, engineering estimate, market survey, etc.).
- Subcontracts: major subcontracts should include estimated cost and basis for the estimate.
- All Other Direct Costs
- Travel – Numbers of trips, destinations, duration, etc.
- Fee including fee percentage
- Details/explanation of all other cost items should be given in this section.

3. Significant Dates and Times

ANTICIPATED SCHEDULE		
Event	Date	Time EDT
Phase I Technical and Cost Proposals Due	31 August 2005	2:00 p.m.
Notification of Selection for Award	*30 September 2005	N/A
Industry Day		TBD
Follow-on BAA or RFP Issued		TBD

*Estimated date of notification

BAA Questions: Questions regarding this BAA must be submitted to the Technical and Business POC identified in Section 7 no later than 72 hours before proposals are due. Questions submitted after that time will not receive responses.

4. Submission of Late Proposals

Any proposal, modification or revision that is received at the designated Government office after the exact time specified for receipt of proposals is “late” and will not be considered unless it is received before award is made, the contracting officer determines that accepting the late proposal would not unduly delay the acquisition **AND:**

(a) If it was transmitted through an electronic commerce method authorized by the announcement, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of proposals; or

(b) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of proposals and was under the Government's control prior to the time set for receipt of proposals; or

(c) It was the only proposal received.

However, a late modification of an otherwise timely and successful proposal, that makes its terms more favorable to the Government, will be considered any time it is received and may be accepted.

Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the proposal wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

If an emergency or unanticipated event interrupts normal Government processes so that proposals cannot be received at the Government office designated for receipt of proposals by the exact time specified in the announcement, urgent Government requirements preclude amendment of the announcement closing date, the time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the announcement on the first work day on which normal Government processes resume.

The contracting officer must promptly notify any offeror if its proposal, modifications or revision was received late, and must inform the offeror whether its proposal will be considered.

5. Address for the Submission of Proposals

Office of Naval Research
Attn: Mark Chadwick, ONR 0253
875 North Randolph Street
Arlington, VA 22203-1995
Telephone Number: (703) 696-2599
Facsimile Number: (703) 696-0066
Email Address: chadwim@onr.navy.mil

V. EVALUATION INFORMATION

1. Evaluation Criteria

Evaluation Criteria:

The following evaluation criteria apply. Proposals will be selected through a technical/scientific/business decision process with technical and scientific considerations

being most important. Criteria A-D are listed in descending order of priority. Any subcriteria listed under a particular criterion are of equal importance to each other.

- A. Overall scientific and technical merits of the proposal
 - 1. Proposed level of Government ownership of Phase I results and the open availability of Phase I results for Phase II offerors.
 - 2. The degree of innovation and soundness of technical concept for the PFPL Model
 - 3. The Offeror's awareness of the state-of-the-art and understanding of the scope of the problem and the technical effort needed to address it.
 - 4. Potential relevance and contributions of the effort to research objectives.
- B. Offeror's capabilities, related experience, and past performance, including the qualifications, capabilities and experience of the proposed principal investigator and personnel.
 - 1. The quality of technical personnel proposed;
 - 2. The Offeror's experience in relevant efforts with similar resources
- C. Management
 - 1. The ability to manage the proposed effort (planning, scheduling, resources, management practices and techniques)
 - 2. Processes to identify and mitigate risks
 - 3. The Offerors use of local companies and resources to accomplish the research goals
- D. The realism and reasonableness of the proposed cost

For proposed awards to be made as contracts to large businesses, the socio-economic merits of each proposal will be evaluated based on the extent of the Offeror's commitment in providing meaningful subcontracting opportunities for small businesses, small disadvantaged businesses, woman-owned small businesses, HUBZone small businesses, veteran-owned small businesses, service disabled veteran-owned small businesses, historically black colleges and universities, and minority institutions.

2. Evaluation Panel

Proposal evaluations will be performed by a team of government technical experts and may include support contractors. The Government may use selected support contractor personnel to assist in the evaluation and administrative functions of any ensuing proposals from this announcement. All evaluators will be bound by appropriate non-disclosure agreements to protect proprietary and source-selection sensitive information.

VI. AWARD ADMINISTRATION INFORMATION

1. Administrative Requirements

- CCR – Successful offerors not already registered in the Central Contractor Registry (CCR) will be required to register in CCR prior to award of any contract. Information on CCR registration is available at <http://www.onr.navy.mil/02/ccr.htm>

- ORCA – Successful offerors must be registered in the Online Representations and Certifications Application (ORCA) prior to award of any contract. Information on ORCA registration is available at <http://orca.bpn.gov>. Additional contract specific certifications and representations will be required to be completed prior to award. These will be provided by the Government.

- Any government technical information relevant to this effort will be provided only to those contractors who are registered and certified with the Defense Logistics Service Center (DLSC). Contact the Defense Logistics Service Center, 74 Washington Avenue N., Battle Creek Michigan 49917-3084 (1-800-352-3572) for further information regarding the certification process. Contractors must submit a copy of their approved DD Form 2345, Military Critical Technical Data Agreement, with their proposal.

- This acquisition potentially involves data that is subject to export control laws and regulations. The following clause will be incorporated into any resultant contract.

NAVAIR 5252.227-9507 NOTICE REGARDING THE DISSEMINATION OF EXPORT-CONTROLLED TECHNICAL DATA (JAN 1992)

(a) Export of information contained herein, which includes release to foreign nationals within the United States, without first obtaining approval or license from the Department of State for items controlled by the International Traffic in Arms Regulations (ITARs), or the Department of Commerce for items controlled by the Export Administration Regulations (EAR), may constitute a violation of law.

(b) For violation of export laws, the contractor, its employees, officials or agents are subject to:

(1) Imprisonment and/or imposition of criminal fines; and

(2) Suspension or debarment from future Government contracting actions.

(c) The Government shall not be liable for any use or misuse of the information, technical data or specifications in this contract. It shall not be liable for any patent infringement or contributory patent infringement. The Government neither warrants the adequacy nor the completeness of the information, technical data or specifications in this contract.

(d) The contractor shall include the provisions of paragraphs (a) through (c) above in any subcontracts awarded under this contract.

- Offerors should state that their proposals will be valid for 180 days from submission.

2. Phase I Reporting and Deliverables

Final Report documenting the results of the Concept Exploration Analysis and Study task

Executable copy of the PFPL Model and supporting documentation.

Baseline conceptual architecture for the PMRF FPL security system.

Industry Day presentation materials that provide the results of the study to all potential offerors.

Technical reports, presentations, vendor materials, analysis results, and any other material referenced or used in the preparation of the final report.

At the discretion of the government, a kickoff meeting and regular technical reviews may be scheduled to assess the direction and progress of the project.

Monthly Technical and Financial Progress Reports and a Final Report

VII. OTHER INFORMATION

1. Government Property, Government Furnished Equipment (GFE) and Facilities

Each offeror must provide a very specific description of any equipment/hardware that it needs to acquire to perform the work. This description should indicate whether or not each particular piece of equipment/hardware will be included as part of a deliverable item under the resulting award. Also, this description should identify the component, nomenclature, and configuration of the equipment/hardware that it proposes to purchase for this effort. It is the Government's desire to have the contractors purchase the equipment/hardware for deliverable items under their contract. The purchase on a direct reimbursement basis of special test equipment or other equipment that is not included in a deliverable item will be evaluated for allowability on a case-by-case basis. Maximum use of Government integration, test, and experiment facilities is encouraged in each of the Offeror's proposals. All equipment authorized for purchase will be Government property and will remain in the facility as part of the integration testbed.

The government will provide a facility at PMRF, Kauai, HI for the integration testbed and any required computational infrastructure. Utilities including telephone and internet connectivity will be provided to support the contractor team at the integration facility.

2. Security Classification

For performance of this contract effort, a contractor must be able to obtain and maintain a facility security clearance and a safeguarding level up to and including secret. A DD Form 254, Contract Security Classification Specification, is applicable. Please contact the government contract specialist to obtain a copy of the DD Form 254.

In order to facilitate intra-program collaboration and technology transfer, the Government will attempt to enable technology developers to work at the unclassified level to the maximum extent possible.

If developers use unclassified data in their deliveries and demonstrations regarding a potential classified project, they should use methods and conventions consistent with those used in classified environments. Such conventions will permit the various subsystems and the final system to be more adaptable in accommodating classified data in the transition system.

3. Department of Defense High Performance Computing Program

The DoD High Performance Computing Program (HPCMP) furnishes the DoD S & T and DT & E communities with use-access to very powerful high performance computing systems. Awardees of ONR contracts, grants, and assistance instruments may be eligible to use HPCMP assets in support of their funded activities if ONR Program Officer approval is obtained and if security/screening requirements are favorably completed. Additional information and an application may be found at <http://www.hpcmo.hpc.mil/>.